



Inventor: Andrew Philip Churchill
Filed: January 15, 2002
Title: DOWNHOLE BYPASS APPARATUS

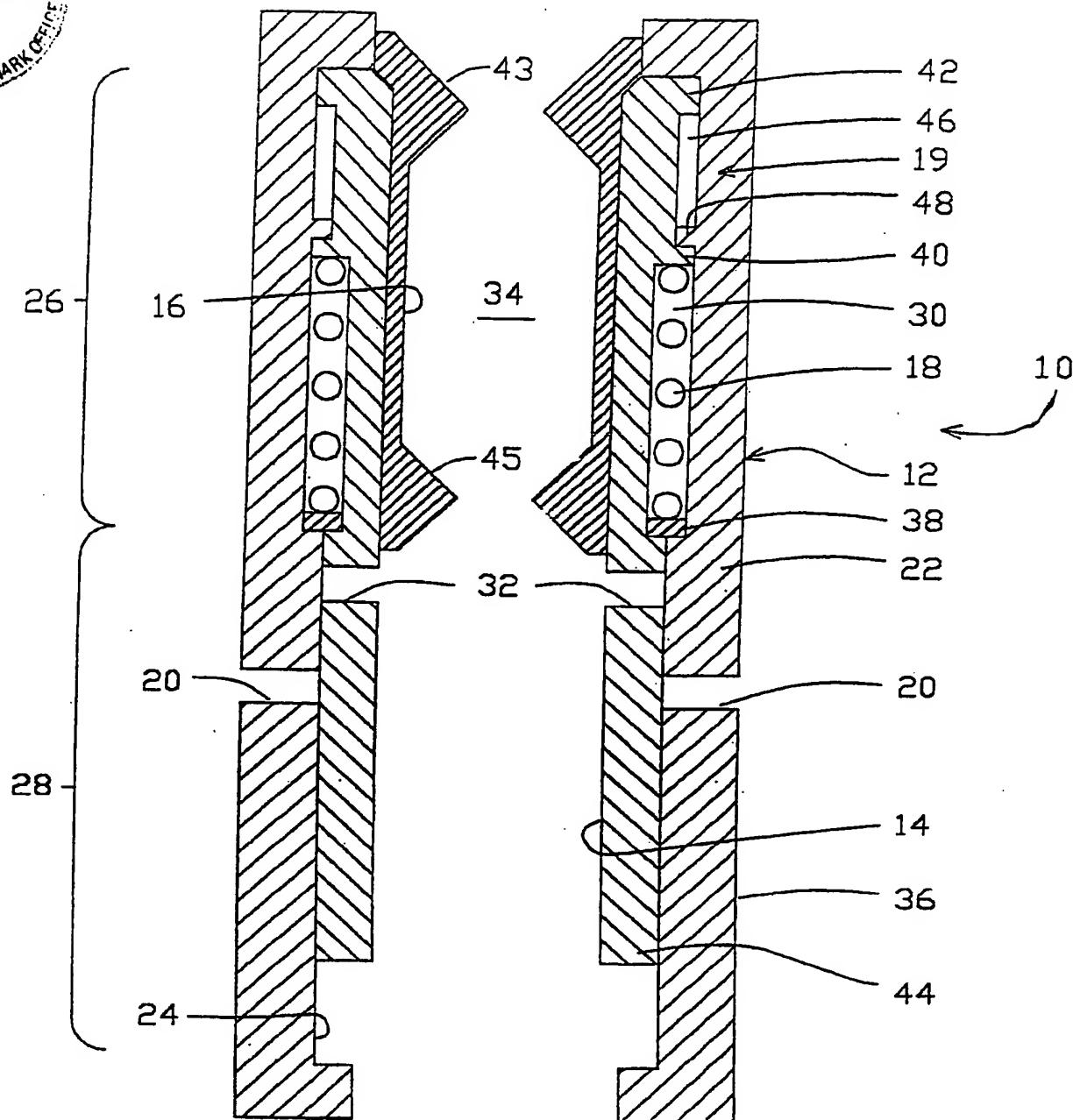


Figure 1A

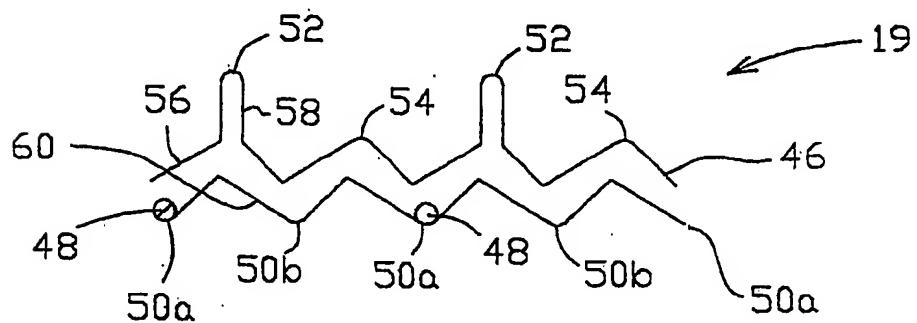


Figure 1B



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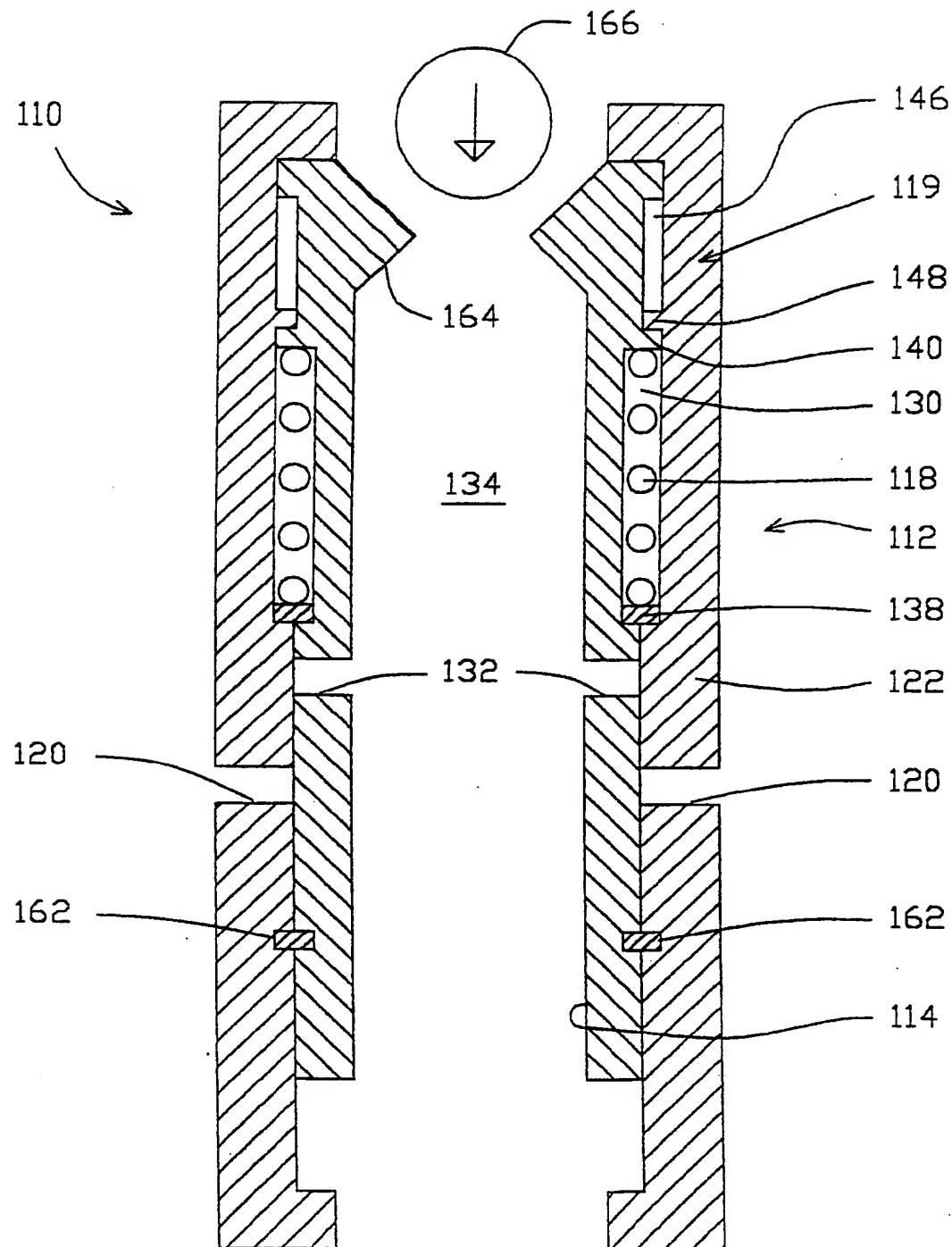


Figure 2



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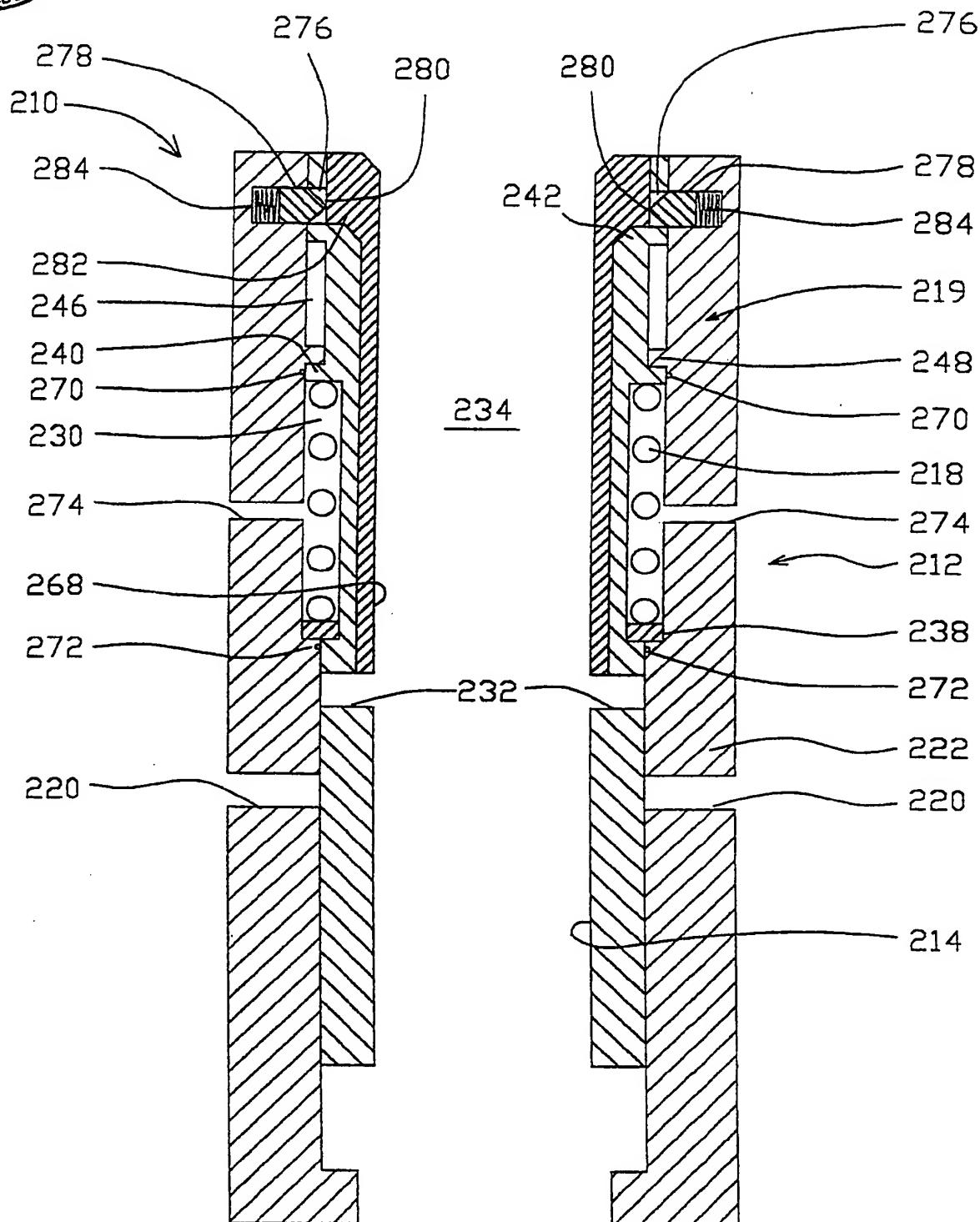


Figure 3



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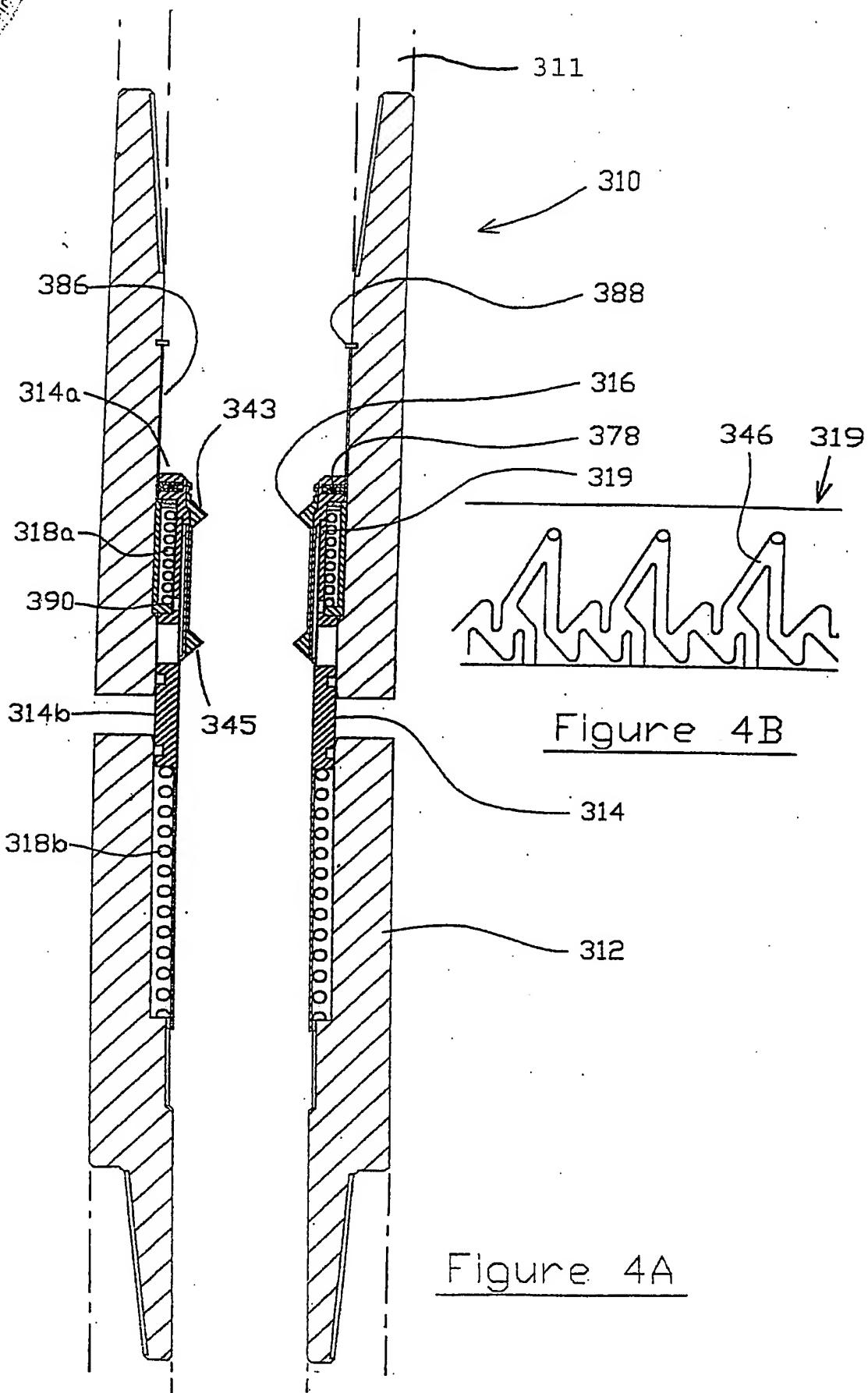
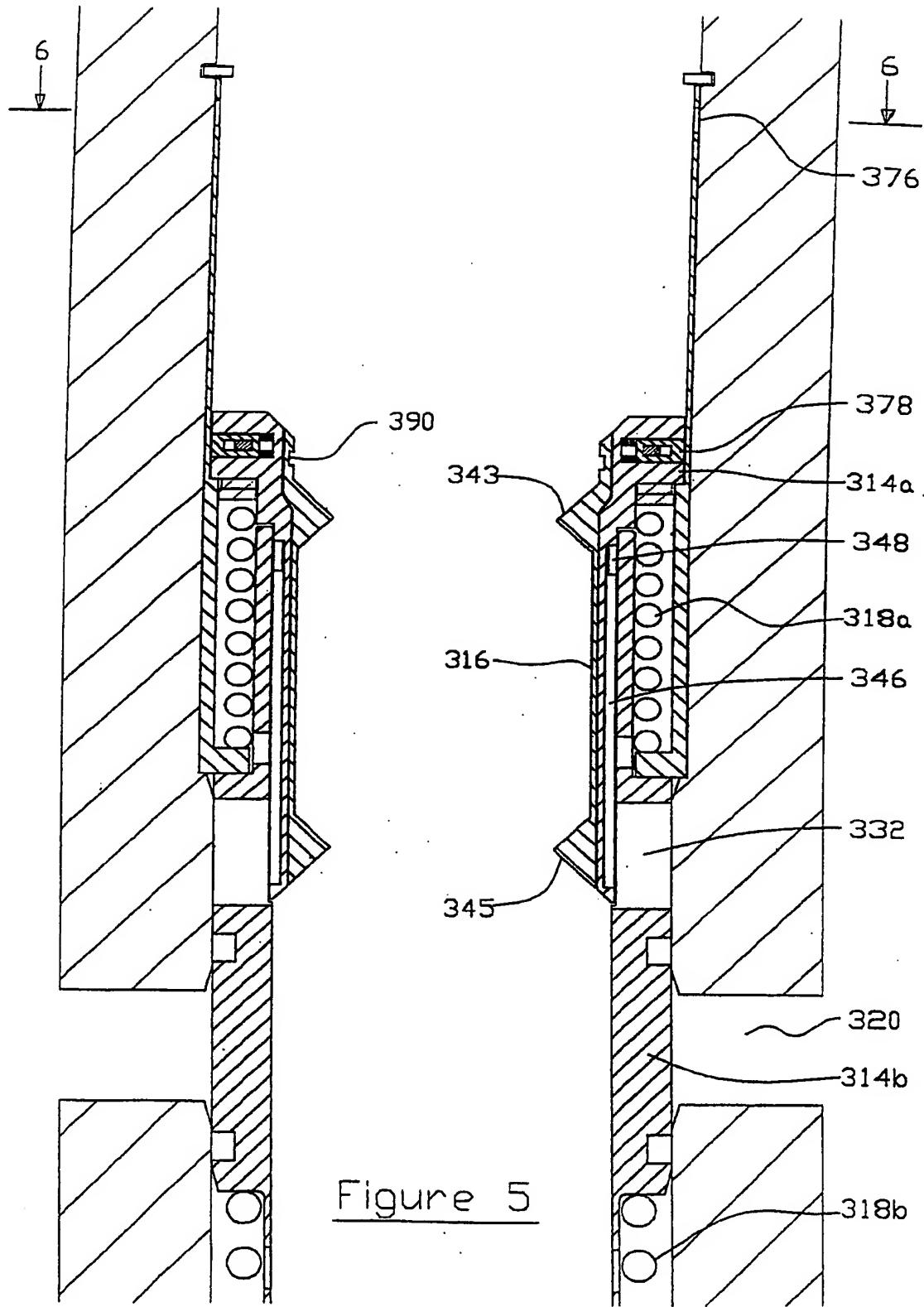


Figure 4A

Figure 4B



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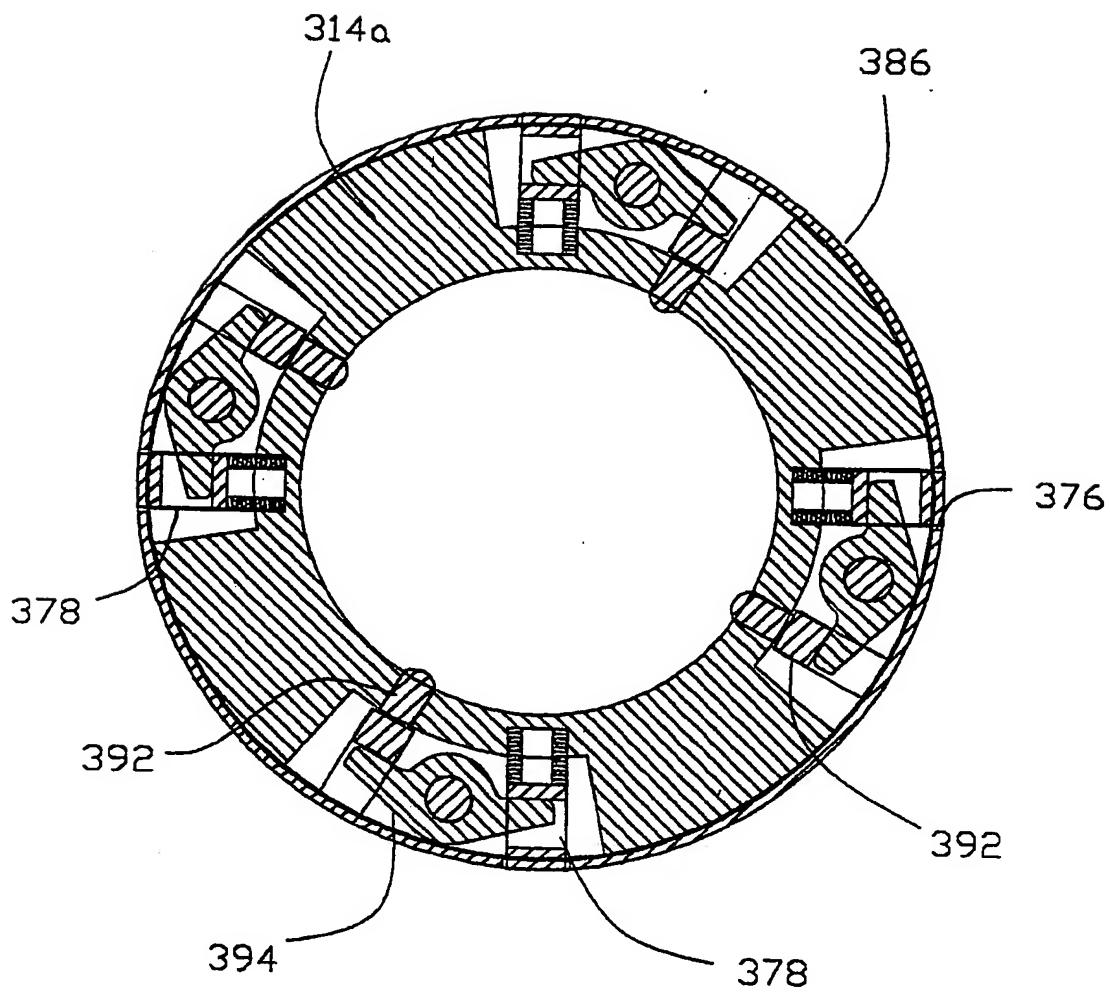


Figure 6